

Unclassified





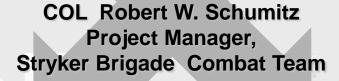






Stryker Overview







6 OCT 2009







<u>Distribution Statement A:</u> Approved for public release; distribution is unlimited.



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Stryker Family of Vehicles







M1135

NBC Reconnaissance Vehicle (NBCRV) - 3



Anti Tank Guided Missile (ATGM) - 10

Infantry Carrier Vehicle (ICV) - 130



Reconnaissance Vehicle (RV) - 52

Commonality

Common Operating Picture Common Chassis & Drive Train Common KPP's **Common Survivability Common TMDE, Spare Parts, Tools & Skills**



Medical Evacuation Vehicle (MEV) - 16

Engineer Squad Vehicle (ESV) - 13

Mobile Gun System (MGS) - 29

Successful

Stryker provides enhanced, Battle-proven capabilities to warfighters

- Over 24 million miles in Combat
- Currently on 11th SBCT Deployment
 - •98% ORR Maintained Since First **Deployed**



Fire Support Vehicle (FSV) - 14



120mm Mounted Mortar Carrier (MCV) - 37

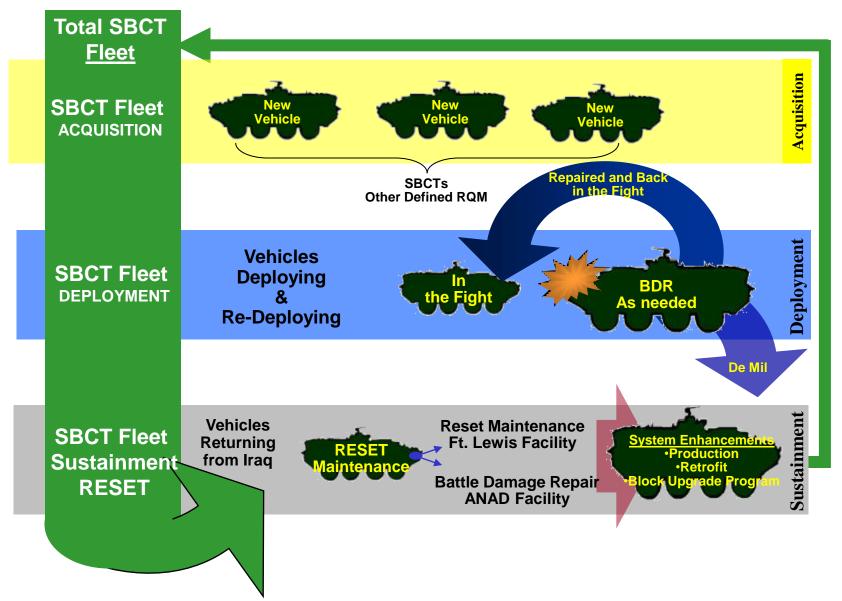


Commander's Vehicle (CV) - 28





SBCT Life Cycle Management

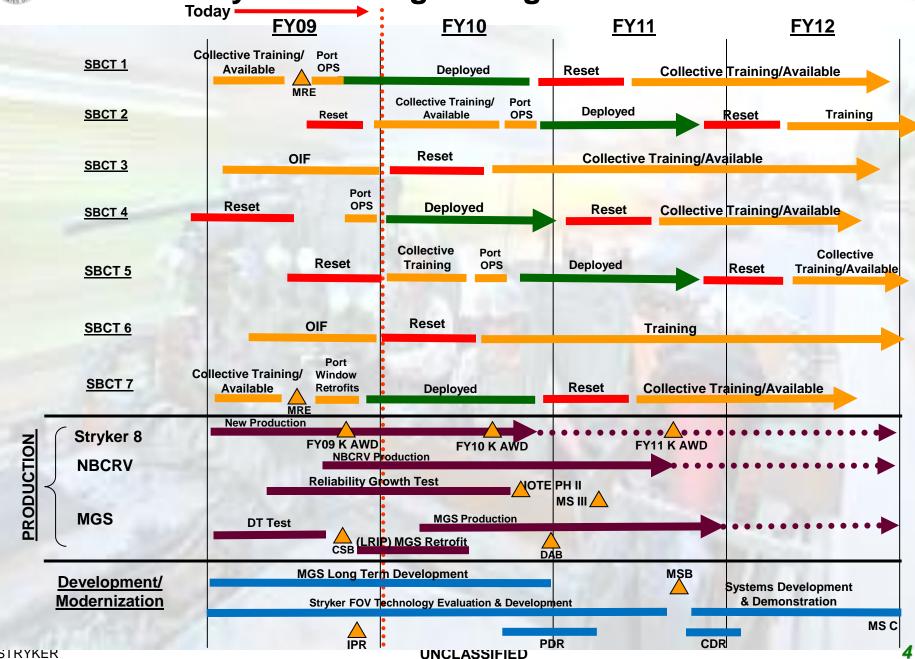




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Stryker Fielding & Program Schedule







Supporting the ARFORGEN Process









COMMAND

Warren, MI Washington D.C.



DEPLOYED BDE OIF

OEF





PRODUCTION

Anniston Army Depot, AL Lima, OH London, Ontario, CA



REPAIR niston Army Denot A

Anniston Army Depot, AL Qatar



San Diego, CA, US
Tacoma, WA, US
Honolulu, HI, US
Charleston, SC, US
Beaumont, TX, US
Bremerhaven, DE
Diego Garcia, GB



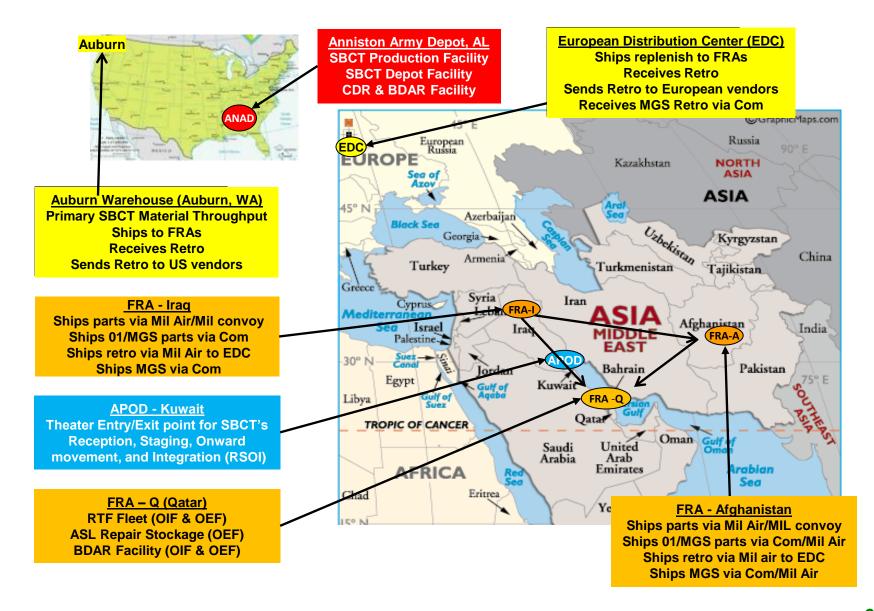
RESET FACILITIES

Anniston Army Depot, AL Ft Lewis, WA Qatar



Stryker Support Concept







"Port Ops" Retrofits







Support the Warfighter: Response to Evolving Threats





User Feedback / ONS / Threat Analysis

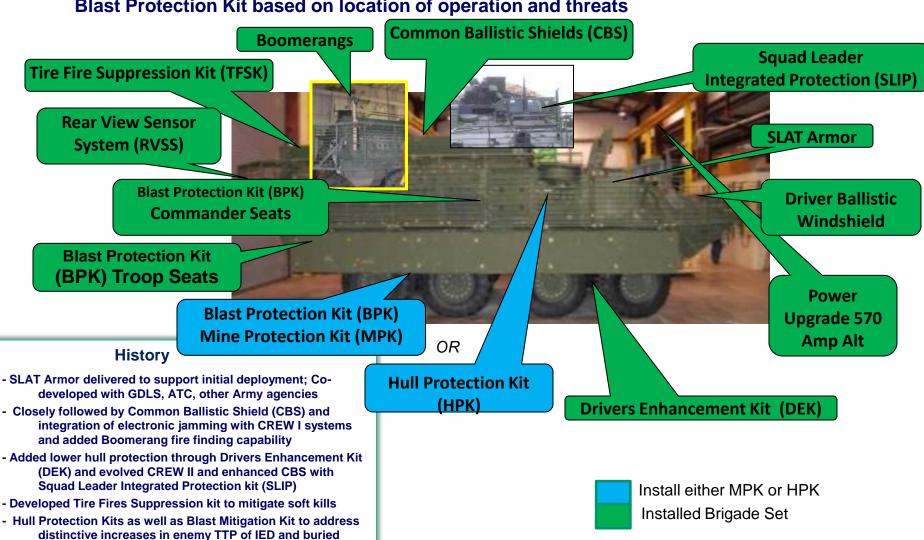


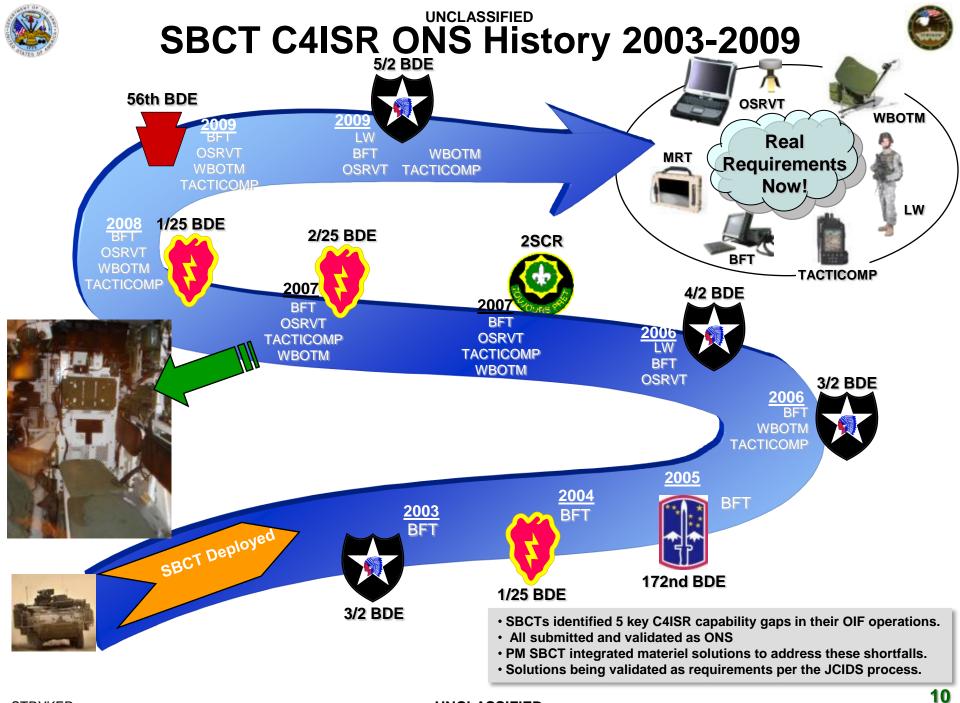
threat; includes blast mitigating seats as well.

SBCT 2009 Retrofit Kit Options



- All Strykers in AOR are equipped with 1"Slat, CBS, DEK and CREW.
- SBCT Commanders decide on whether to install Lower Slat Armor, Hull Protection Kit or Blast Protection Kit based on location of operation and threats





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The Need to Modernize

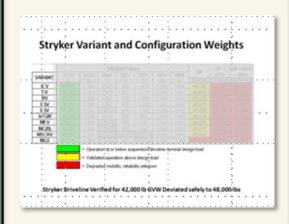


SPACE



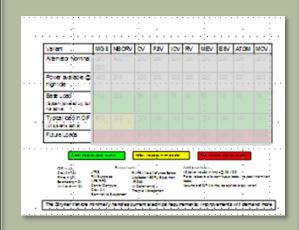
- Multiple Appliqué solutions added; "Scaleable / Kitable Concept" limited
- Kits create both interior & exterior challenges for each carrier variant
 - CREW, GSS/MSS, Armor Upgrades
 - · Additional displays/screens
 - 2nd/3rd order effects include weight and power

WEIGHT



- Kits required to address threats
 - IED, RPG, EFP, Sniper, etc
- Only select Kits can be applied
- Deployed configuration weighs more than planned
- Limit Mobility

POWER



- OIF kit loads require some systems to be turned off
- Current Power Generation cannot meet expected future loads
- · Silent watch capability impacted
- Excess heat impacts both onboard electronics and Soldier's effectiveness

Current Space, Weight, and Power Capacity Shortfalls require
Upgrades to Stryker FoV



Balancing Capabilities



(S-MOD Systems Engineering Process)

